

AMENDMENTS TO THE CLAIMS

The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) An apparatus for reducing clogging of a pipe, the apparatus comprising a body having an open end adapted to be detachably connected to an aperture of the pipe, a shaft moveable within the body, a scraper attached to one end of the shaft, means for reciprocally moving the shaft to urge the scraper into the pipe to dislodge particulates deposited within the pipe and to withdraw the scraper from the pipe, and injecting means extending about the body for injecting heated compressed gas into the body to inhibit particulate deposition, wherein the scraper is a helical coil that is flexible in a longitudinal direction of the body.
2. (Previously Presented) The apparatus according to claim 1 wherein the injecting means comprises an orifice located on an inner surface of the body.
3. (Cancelled)
4. (Cancelled)
5. (Previously Presented) The apparatus according to claim 1 comprising heating means extending about the body for maintaining the temperature within the body within the range from 50 to 200° C.

6. (Previously Presented) The apparatus according to claim 1 wherein the scraper has an open construction.

7. (Cancelled)

8. (Previously Presented) The apparatus according to claim 1 wherein the scraper is formed from stainless steel.

9. (Previously Presented) The apparatus according to claim 1, wherein the means for reciprocally moving comprises a piston reciprocally moveable within a cylinder, and the piston being attached to a second end of the shaft.

10. (Previously Presented) The apparatus according to claim 1 wherein the means for reciprocally moving is arranged to rotate the shaft so as to rotate the scraper within the pipe.

11. (Previously Presented) The apparatus according to claim 1 having a first position wherein the scraper is fully withdrawn from the pipe and is substantially contained within the body so as not to be exposed to gases within the pipe.

12. (Cancelled)

13. (Previously Presented) The apparatus according to claim 1 comprising scraping

means for scraping particulates from the shaft during movement thereof.

14. (Previously Presented) The apparatus according to claim 13 wherein the scraping means comprises an annular seal through which the shaft passes.

15. (Currently Amended) An apparatus for reducing clogging of an inlet pipe to a wet scrubber, the apparatus comprising:

- a body having an open end adapted to be detachably connected about an aperture of the inlet pipe;

- a shaft moveable within the body;

- a scraper attached to one end of the shaft;

- a double acting pneumatic cylinder to reciprocally move and rotate the shaft to urge the scraper into the inlet pipe to dislodge particulates deposited within the pipe and to withdraw the scraper from the inlet pipe; and

- injecting means extending about the body for injecting heated compressed gas into the body to inhibit particulate deposition,

- wherein the scraper is a helical coil that is flexible in a longitudinal direction of the body.

16. (Cancelled)

17. (Cancelled)

18. (Cancelled)

19. (Previously Presented) The apparatus according to claim 1 comprising heating means extending about the body for maintaining the temperature within the body within the range from 80 to 150° C.

20. (New) The apparatus according to claim 1 wherein the injecting means comprises a helical channel for directing the compressed gas about the body.